



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/955,999	09/20/2001	Steven C. Barash	PT086P1

22195  
HUMAN GENOME SCIENCES INC  
9410 KEY WEST AVENUE  
ROCKVILLE, MD 20850

CONFIRMATION NO. 1712

FORMALITIES LETTER



\*OC000000007511371\*

Date Mailed: 02/21/2002

**NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)**

*Filing Date Granted*

The U.S. Patent and Trademark Office has received your reply on 02/07/2002 to the Notice to File Missing Parts (Notice) mailed 11/14/2001 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

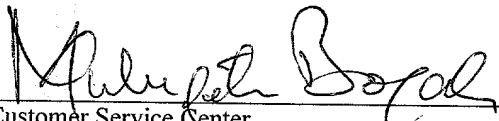
A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/08/2002 BNGUYEN1 00000013 083425 09955999

01 FC:105 130.00 CH

# RETURN RECEIPT CARD

(MPEP § 503)



**OIPE:**

Please Date Stamp In The  
Box Below And Return To  
Addressee

Application of: Barash et al.

Application Serial No.: 09/955,999

Filed: September 20, 2001

Title: Signal Transduction Pathway Component Polynucleotides,  
Polypeptides, Antibodies, and Methods Based Thereon



Attorney Docket No.: PT086P1

Group Art Unit: 1614

Examiner: Unassigned

**The following documents were filed by Human Genome Sciences, Inc.  
via hand delivery on February 7, 2002:**

1. Return Receipt Card;
2. Fee Transmittal with appropriate fee(s) (in duplicate);
3. Response to Notice to File Missing Parts;
4. Executed Declaration for Patent Application (2 pages in 3 counterparts, 6 pages total);
5. Petition for Extension of Time (for 1 month, to and including February 14, 2002);
6. Copy of Notice to File Missing Parts mailed November 14, 2001;
7. Recordation Form Cover Sheet with executed Assignment (2 pages in 2 counterparts)  
(5 pages total); and
8. Recordation Form Cover Sheet with executed Assignment (2 pages) (3 pages total).

KKH/JS/MMJ/ba

ATTN.: LEGAL DEPARTMENT



VIA HAND DELIVERY MARCH 4, 2002

Docket No.: PT086P1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Barash et al.

Application No.: 09/955,999

Group Art Unit: 1614

Filed: September 20, 2001

Examiner: Not Yet Assigned

For: Signal Transduction Pathway Component  
Polynucleotides, Polypeptides, Antibodies and  
Methods Based Thereon

**RESPONSE TO NOTICE OF INCOMPLETE REPLY**

**Box Missing Parts**

Commissioner for Patents  
Washington, DC 20231

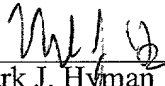
Dear Sir:

In response to the Notice of Incomplete Reply mailed February 21, 2002, Applicants submit herewith substitute drawings in compliance with 37 C.F.R. § 1.84, together with (1) a Petition for Extension of Time to and including March 14, 2002; (2) a Fee Transmittal Sheet with appropriate fee (in duplicate); and (3) a copy of said Notice for entry into the above-referenced application.

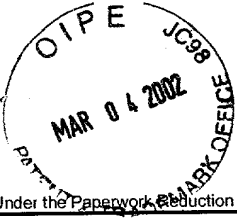
Applicants believe that no additional fees are required for this submission. However, should the Commissioner deem otherwise, the Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment to our Deposit Account No. 08-3425.

Dated: March 4, 2002

Respectfully submitted,

By   
Mark J. Hyman  
Registration No.: 46,789  
HUMAN GENOME SCIENCES, INC.  
9410 Key West Avenue  
Rockville, Maryland 20850  
(240) 314-1224  
Attorneys for Applicant

KKH/MJH/ba



44

03CO #1

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)  
290.00

## Complete if Known

Application Number	09/955,999
Filing Date	September 20, 2001
First Named Inventor	Steven C. Barash
Examiner Name	Not Yet Assigned
Group Art Unit	1614
Attorney Docket No.	PT086P1

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number

08-3425

Deposit Account Name

Human Genome Sciences, Inc.

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)  
0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-- =	x	=
Independent Claims	-- =	x	=
Multiple Dependent			=

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)  
0.00

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month (\$400 minus \$110 previously paid)	\$290.00
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(h))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
290.00

## SUBMITTED BY

Name (Print/Type) Mark J. Hyman

Registration No. 46,789  
(Attorney/Agent)

## Complete (if applicable)

Telephone (240) 314-1224

Signature

*Mark J. Hyman*

Date

March 4, 2002